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THE MODERN GLADIOLUS

1923



Photographed from My Flowers, September, 1914

Best Strains and
Varieties Grown by

GEO. S. WOODRUFF, INDEPENDENCE, IOWA

My Gladiolus Catalogue

I find it necessary to issue a new catalogue of my Gladioli, Gladioluses or gladioles, as you may choose to call them. (N. B. I utterly refuse to grow any glad-eye-o-lye) first, because the old ones are all gone and, secondly, because so many new varieties have been added to the world and to my collection.

I used to write quite long articles on the origin, history, etc. of the gladiolus but, during a score or more of years since I began, in a small way, to grow and distribute it, we have succeeded so well in making people acquainted with it's beauty, variety, adaptability and general usefulness that it seems no longer necessary. So I will just assume that you know about the "glads" and want some and a few plain directions for growing them.

GROW MANY

I would not go quite so far as to say, as one nurseryman tells his customers, that "If you don't want a hundred you don't want any," but he comes pretty near being right. A hundred bulbs ("corms" is the proper word) will not fill one straight row 25 feet long, in your vegetable garden. By getting 1000 you are likely to get many varieties. If the cost is an important consideration, buy the smaller sizes. And remember that the second and smaller sizes will give fine flowers and make better bulbs and more bulblets for next year than the large ones. They will bloom a little later and sometimes the flower spike will be a little smaller. Such varieties as Halley, Pink Beauty, the Primulinus varieties and many other will give fine flowers from bulbs $\frac{1}{2}$ inch in diameter.

HOW TO GROW THEM

Plant in any good garden soil, in full exposure to the sun but do not use fresh manure where it will come in contact with the bulbs. If manure is needed have it old and well rotted. It is best to plow it under the fall before. Particularly avoid strawy horse manure which is apt to breed fungus, especially in a dry season. Plant in straight rows about two feet apart for hand cultivation 30 inches for horse cultivation, placing the bulbs about three inches apart in the row and from 3 to 5 inches deep, according to the size of the bulbs. Cultivate before they come up, so as to kill weed seeds in the row, and afterwards as often as necessary to prevent a crust forming. But do not cultivate deep close to the plants after they become tall.

WATERING

If the ground be dry when planting it is well to wet them in so as to insure close contact and give a quick start. This refers particularly to late plantings. Rather avoid watering afterwards, depending rather on thorough cultivation. But if it be dry when the flower buds appear give the ground a thorough soaking—no surface sprinkling—and see that there is plenty of moisture for the next three weeks at least, as it is then that the next year's bulbs and bulblets are developing.

TIME TO PLANT

Plant at different times so as to have early and late flowers. Some of the finest blooms will come in the cool autumn days. Some may be planted as soon as the ground can be worked; then at intervals of a week or two until July. That is one reason for having a good number to plant.

DON'TS

Don't plant in the shade of trees nor among their roots.

Don't plant in cellar dirt close up against the south side of a house to be burnt and starved. There is no magic or "luck" about them. Plant where corn and beans would grow.

CUT FLOWERS

Grow mostly for this purpose. As soon as two flowers are open cut the whole stem and place in water in the house. Once a day break off the withered flowers and cut off a bit of the bottom of the stem and change the water. In hot weather put out doors or in cool place at night. So treated you may have them last a week or longer. But be sure when you cut, to leave four or six good leaves on the plant, so as to mature the next year's bulb.

DIGGING AND CURING

Dig before the ground freezes, loosening the soil with a digging fork and pulling up by the tops. I prefer to dig before the tops die. If any die early dig at once and store in a cool place. Have with you a sieve to drop the pulled bulbs into so as to save the bulblets. Break off the tops at once and dry thoroughly in the open air. Store in a cool, dry place in boxes or crates no more than four inches deep. Break off the old bulbs and bulblets as you have time during the winter. The bulblets ("cormels") will germinate better if kept from getting too dry by covering with soil just naturally damp.

TERMS

Cash with order. Postal order or your personal check will do. Prices by single bulb include postage but bulbs by the hundred are not prepaid. Buyers living beyond the 5th zone should remit something extra for excess postage. Any excess will be made up in extra bulbs. 100 second size bulbs weigh about 2 lbs.

MIXTURES

I advise beginners to plant these, decidedly in preference to buying more expensive named varieties. Add to your order about two each of named sorts you wish to test and know by name. Later, as you become acquainted, you can dispose of your surplus and add to your collection the rarer sorts. But is is far better, I think, to have enough really good ones, so as to be able to cut a nice bunch, than to have a few a little rarer.

OAKWOOD MIXTURE

Each lot made up separately, so as to insure a wide range of color and form, but not labeled. 25 at hundred rate; 250 at thousand rate.

Oakwood Mixture, first size bulbs, per doz. 35c; per 100, prepaid to 5th zone\$ 2.75
 First size, per 1,000 not prepaid..... 22.50
 Second size 1 in. to 1½ in. doz. 25c; 100..... 2.00
 Second size per 1,000, not prepaid 17.00
 Third size, 3-4 to 1 in. diameter, per 100..... 1.00
 Third size, per 1,000 7.00
 (All the foregoing will bloom.)

SILVER TROPHY STRAIN

This means a special selection, made up of choice named varieties, divided into three color sections as follows:

Section 1—Finest reds, scarlet, crimson and maroon, some with rich markings, prepaid, per doz. 40c; per 100.....\$ 3.00
 Section 2—White, light pink and yellow in great variety of shades and with stains and blotches of rich colors, postpaid per doz. 50c; per 100 4.00
 Section 3—Rare "blues" in clematis, lilac and heliotrope shades; peculiar, per doz. 40c; per 100 3.00
 All sections mixed, per 100 3.00

SPECIAL PRICES ON NAMED VARIETIES

To encourage planting in quantity I offer the following named sorts, separately marked, at the prices named, in flowering bulbs one inch or more in diameter, while they last. You must pay your own postage, as you estimate it.

America, Annie Wigman, Mrs. Francis King, Cracker Jack, Primulinus, Hybrids, Chicago White, Pink Beauty, 10 for 20c; 100 for \$1.80.
 Meadowvale, Blue Hybrids, Candidum, 10 for 30c; 100, \$2.70.

OTHER VARIETIES

If you see any other varieties advertised, not in my list, write me about them. I may have them in small lots, or be able to get them for you at a saving.

THE FLOWER GROWER

A monthly magazine, published by Madison Cooper, Calcium, N. Y., is recommended to all growers of the gladiolus, tho it has, also, department for all classes of flowers and is, I think, the best publication of the kind, regardless of price. Subscription \$1.50 per year. I will receive subscriptions and give a premium of 15 flowering size bulbs.

The Gladiolus Bulletin, published by Stanley Thorpe, Medway, (R. D.) Mass., is devoted entirely to the gladiolus. 25c per year. It is the organ of the Mass. Glad. Soc.

Named Varieties

The price per dozen is ten times the single price.

- Adelina Patti**—Very fine of the "blue" class. Larger and darker than Baron Hulot, and without the yellow lines. Very scarce-----30c
- Albania** (Kemp's 1921). First prize, Boston and New York, 1921. A most pleasing white variety. The flower is wide open—3½ inches or over in diameter; petals broad, with well rounded tips, and beautifully crimped edges. Height four feet. 14 to 16 flowers to the spike. Fine keeper when cut. Very healthy and a bountiful producer of good bulblets.
Price: 1½ inches up. 80c each. \$8.00 per doz.
Small Bulbs 40c each. \$4.00 per doz.
- America**—Well known, the most popular light lavender pink in the world.
-----5c each; 50c per doz.
- Annie Wigman**—Pale yellow with small red blotch; good erect habit. Very good. (Good with Baren Hulot)-----5c each; 50c per doz.
- Atherton (K)**—"Deep salmon rose. Petals clearly blue bordered. A beautiful variety"-----20c
- Attraction**—Large, well opened flower of rose crimson, wide pure white throat, a good grower and one of the best-----8c each; 80c doz.
- Autumn Queen**—See "Lillian."
- Augusta**—Still a leading commercial white. Often tinted lavender; nearly the whole spike open at once-----5c; 50c per doz.
- Ames (Goodrich)**—Large light salmon pink, flaked yellow and maroon-----20c
- Arizona**—Rose pink; good habit-----5c; 40c doz.
- Ashtabula**—Improved America-----10c
- Black Joe (Prestgard)**—Dark Carmine-----20c
- Baltimore**—(Formerly called Salmon Queen.) Fine wide flower, salmon with dark red-brown blotch. Very showy, singly or in masses-----5c; 50c doz.
- Baron Hulot**—The finest, clear, dark, violet blue, small yellow bands. Medium size-----8c; 80c doz.
- Berkshire**—Large, well opened flower. Delicate shade of pink, penciled with dark pink in throat, which is margined straw and dotted red. Exquisite-----15c; \$1.50 doz.
- Bertrex**—(Austin) White with lilac shading in the throat; size and form of America. Spike tall and straight, sometimes branching. Might be called a "White Schwaben." Increases rapidly and forces well. Awarded Silver Cup as "best new seedling" at Cleveland, 1913-----10c; \$1.00 doz.
- Blue Jay**—(Groff's). Tall, strong plant. Flower wide open, light blue with white and maroon throat. Finest of this color-----25c; \$2.50 doz.
- Burrell—Napoleon—(W)** Dark red, large flower and compact spike. Handsome butterfly markings. Robust habit and a good increaser. Excellent.
-----8c; 75c doz.
- Black's Early Pink**—Flower nearly as large as Mrs. King and similar in shape and arrangement on the stem; salmon pink, not rose, with dotted markings. Early as Halley-----5c; 50c doz.
- Calico**—(Coblentz). This is entirely new, never having been offered as far as I know, and is absolutely unique. The color is what may be called a smoky purple, without markings but with white throat. Stem straight. The flowers, shown by me at the State Fair, attracted much attention. It will make up finely with yellows-----Price only 15c; \$1.50 per doz.
- Carmen Sylva**—(Eicöz) White. Tall and straight. Very highly recommended. Many call this the best white-----50c

Canary Bird —(<i>gandavensis</i>). A clear yellow of good size and fine truss. Fine to use with Baron Hulot-----	10c; \$1.00 doz.
Candidum —(Austin). Large white blooms; tips of petals tinted and somewhat reflexed like a lily. Erect, free bloomer-----	80c; \$1.00 doz.
Charlemagne —(Lemoine) Giant type with very large open flowers on massive spikes; sunrise red, flaked darker and marked with large, creamy white blotch, densely spotted with purple carmine-----	15c
Chicago White —Tall spike and good medium-size flower. White with small lavender lines in lower petals. Early-----	5c; 50c doz.
Cracker Jack —Large flowers of rich velvety dark red; throat spotted yellow and dark maroon. Early-----	5c; per doz. 50c
Catharina —An improvement on Blue Jay, having, also a better stem-----	35c
Crimson Glow (Betscher) —Called by many the finest red. Low price-----	25c
Conspicuous —Has been called "The Pansy" among glads. Light blue with darker blotches; darker spot with yellow center on lower petals. Very rich and striking-----	15c
Crystal White —Erect white, small blotch, early-----	10c
Chris —Dark maroon, purple shaded. Good-----	10c
Dawn —(Tracy's) Salmon pink-----	10c
Distinction —Similar in color to <i>Golia</i> , h. spike taller, flower a little smaller but flatter open. Good. Stock scarce-----	15c; \$1.50 doz.
Dominion —(Syn. Red Emperor)	
Empress of India —Very dark maroon, almost black; buds like satin. Very distinct; early-----	10c; \$1.00 doz.
Europa —(Pfitzer) Large round flower of the purest white on fine straight spike. Several open at one time. Requires good soil and plenty of moisture, doing best in fall-----	20c; \$2.00 doz.
Evelyn Kirtland —(Austin) "It is difficult to describe in words the beauty of this variety. The flowers, of strong substance, are a beautiful shade of rosy pink, darker at the edges fading to shell pink at the center, with brilliant scarlet blotches on lower petals. Entire flower showing a glistening sparkling luster. The form is wide open, somewhat reflexed, slightly fluted and many open at one time. Spike giant in height, straight but slender and bending gracefully with its burden of blooms. Wonderfully decorative." Winner of the Chas. F. Fairbank prize in "Best Display New Seedlings," Cleveland, 1915. Also received Award of Merit from Gladiolus Society of Ohio-----	15c; \$1.50 doz.

Early Snowflake

(Kemp, 1921)

First Prize, Boston, 1921, Silver Medal.

A tall growing variety; many flowers open at one time. Many of them 6 inches in diameter, resembling a large lily. Rich, creamy white, delicately tinted and flaked rose. When grown under glass all flaking is absent.
Bulbs 35c each; 6 for \$1.75.

Eugene Lefebvre—Another of Lemoine's giant varieties, beautifully formed flowers of bright pink, throat spotted and dotted with purplish amaranth and cream-----20c each; \$2.00 per doz.

Flora—The grand new yellow, the finest by far except Golden Measure and the very best at a popular price. Special price, large bulb-----20c

Florence—(French). Very light lilac purple; white center. Fine-----25c

Geo. Paul—(Harvard). Very large maroon flower, slightly stained yellow.-----10c; \$1.00 doz.

Glory of Holland—Of Dutch origin. Pure white with exception of faint pink in throat, good grower. Award of Merit at London and Haarlem---5c; 50c doz.

- Golden Wedding**—(Ruff). One of the really superior hybrids of *Primulinus*, which has made a great hit in the St. Paul cut flower trade. Clear yellow shading to saffron, without markings, on a good stem. A bunch of these with a few *Baron Hulot* is a thing of beauty-----10c; \$1.00 doz.
- Golden West**—*Nasturtion* red. Large-----10c
- Golden King**—The best blotched yellow, as far as I know. It is a strong grower and multiplies well. Color a clear, unfading yellow with a vivid crimson blotch in throat, the flowers large and well opened, of good substance, neither crowded nor too far apart. Awarded First Class Certificate by the National *Gladiolus* Society of England-----5c; 50c doz.
- Gretchen Zang**—(Austin) Flowers large and sparkling and the most beautiful soft melting shade of pink, blending into scarlet on lower petals. Spike tall and graceful. A prize winner-----10c; \$1.00 doz.
- Goliath**—(Holland) Extremely large, dark wine colored flower, lower petals tipped with yellow. Fine and rare-----20c; \$2.00 doz.
- Glory of Kennemerland ("Holland Giant")**—A giant flowering rose pink with yellow throat. Dwarf habit-----15c
- Giant Nymph**—(Coleman). New. One of the finest salmon pink, large, erect, early. Mostly small bulbs offered, but will all bloom-----60c
- Gold**—(Prestgard). Considered by many the best of all yellows.
-----\$2.00, 3 for \$5.00, small bulbs \$1.00
- Golden Measure**—(Kelway). The best yellow which has been long tested. Tall, strong, well formed flower spike. Large bulbs-----\$1.00, medium size 75c
- Golden Princess**—P. H. (B)—Seedling of *Golden King*, pollenized with *Primulinus*. Species, clear golden yellow-----5c
- Halley**—Very large, wide open flower of delicate salmon pink. The lower petals have a creamy blotch with narrow lines of bright red. Very early and a great acquisition. Awarded First Class Certificate and very popular.
-----5c; 50c doz.
- Hazel Dawn**—(Hoeg). An unusual strawberry pink color, throat lighter and dotted carmine. Extraordinary long spike with a large number of flowers.
-----50c; \$5.00 doz.
- Herada**—(Austin). Very new and distinct "Blooms of immense size on tall, straight spike. Pure mauve with deeper markings in throat-----10c; \$1.00 doz.
- Helen Franklin (K)**—One of the fine ruffled sorts. Pure white with violet markings on the lower petals. Tall, straight 6 to 10 flowers open at one time. Very early -----15c
- Highland Laddie**—(McKibbin). A strong grower. Flower various shades of red. Striking -----20c
- Hohenstaufen**—Tall, large white flower, red blotch-----10c
- Ida Van**—Large, open flowers, lily-like, solid bright red to flaming pink, with darker shade or red in lower petals. First premium at Cleveland, 1913, for best red. Award of Merit National *Gladiolus* Society of England, 1913.
-----10c; \$1.00 doz.
- Independence**—(W). Strong upright grower, clean foliage, large cherry flower of perfect shape, marked white and maroon in throat, and on good spike Stem always straight. Fine by artificial light-----5c; 50c doz.
- Intensity**—One of the very fine ones. Large bright scarlet, lower petals spotted with white -----5c
- Jean Dieulafoy**—One of the indispensable sorts. Very wide creamy white flowers with lower petals of blotched maroon. Lasts long as cut flower.
-----10c; \$1.00 doz.
- Jenny Lind**—(Hoeg). Pure, soft, apricot pink; yellow throat. "The darling of the *Gladiolus* World."-----\$1.00; 3 for \$2.50
- Juno**—(Coleman). A fine, big *Prim.* with rounded petals and tall, straight spike, Vigorous grower. Deep orange in color and one of the very few good varieties in this color. It will please you." Planting stock (will bloom) -----30c

- Jessie**—Rich velvety red; small yellow line in lower petals; long spike of well opened flowers; early. An improvement on *Brenchleyensis*-----10c
- Kunderd's Glory**—Widely celebrated as the first of a new ruffled strain. Each flower ruffled and fluted. Stalks robust with from eight to twelve flowers light cream with small crimson stripe-----10c
- Klondike**—Good truss and good grower; round, well opened flowers of primrose yellow with blotch of crimson-maroon on lower petals. Well known.
-----5c; 50c doz.
- Lily Lehman**—Extra fine lily-formed flower, generally pure white with very faint lemon tinge (no blotch) in throat. Sometimes faintly tinged pink. Often has two or three branches and is very early-----10c; \$1.00 doz.
- Liebesfeuer**—(Holland). Extra fine dark scarlet, without markings. The introducer calls it the finest red "what consists" to date. Award of Merit London and Haarlem. Certainly fine-----15c; \$1.50 doz.
- Loveliness**—Very large wide open flowers of palest cream suffused apricot in throat. Flowers well placed on straight spike and 10 to 15 open at once.
-----15c; \$1.50 doz.
- Lillian**—Introduced by me under this name about 10 years ago and so listed in Cornell College bulletin, but lately much advertised in trade papers under the name of "Autumn Queen." One of my introductions from Groff's Silver Trophy. Strong grower with heavy stem and wide, drooping foliage. Flower in Jean Dieulafoy style, nearly white ground with light scarlet spot in lower petals-----10c; \$1.00 doz.
- Lillywhite**—(Kunderd). "The Long-desired spotless white gladiolus that will bloom well without special care." Six or seven flowers open at once. Prolific and very early-----15c
- L'Immaculee**—Pure white, long spike, *gandavensis* form, many open at once; early -----15c; \$1.50 doz.
- Louise (Wright)**—Remarkable large flowers, frequently 5 inches in diameter, bright lavender, lighter towards center; blotch of velvety maroon down center of lower petal, with darker line. A strong grower-----40c and 50c
- Le Marechal Foch**—This has proved the most important addition in years. Blooms earlier than America, similar in color but twice as large and flowers wide open and farther apart on the stem. Blooms from smallest bulbs and is very productive.
-----Large bulbs 15c; Good blooming, medium size 10c
- Lesta**—(Coleman). "A pure, glowing pink half way into the flower; then shading to more delicate tints, ending in a white throat. Plants vigorous and flowers large" -----50c
- Maiden's Blush**—Soft pink. Earliest forcer and "the sensation of the cut flower market, 1922" -----15c
- Mary Fennell**—(Kunderd). Beautiful light lavender, tinged soft pink. Soft primrose yellow throat. Large wide open flowers of exquisite loveliness. Especially recommended to lovers of delicate shades-----15c; \$1.50 doz.
- Mrs. Francis King**—(Coblenz). Long spike of immense flowers of Nanceianus form, light scarlet or flame red, shaded salmon. Most popular scarlet. Spike often branched and somewhat curved, gracefully-----5c; 50c doz.
- Mrs. O. W. Halliday (K)**—Light pink and yellow. Long spike-----10c
- Mary Pickford**—(Kunderd). An extraordinary flower and spike of most delicate creamy white. Throat finest soft sulfur-yellow. Even the stems and calyx are white-----5c each; \$2.50 doz.
"Mary Pickford" was awarded Certificate of Merit by Royal Hort. Society, London, 1920; also First class Certificate of Merit by North Shore Hort. Society, Manchester, Mass.
- Meadowvale**—Excellent for florists. Pure white ground. A touch of vivid crimson in the throat, with line of faint pink in three lower petals. Later than Chicago White and a purer white ground-----5c; 50c doz.

- Minnesota**—One of the best florist's light. Strong grower and early. A strong long spike of well opened flowers of pale cream with very small maroon spot. Productive and blooms from very young bulbs. Two or three weeks earlier than America-----5c; 50c doz.
- Mrs. Dr. Norton (K)**—Finest cream and pink. Very tall spike. The sensation among the newer varieties shown at the Am. Glad. Societies show the last six seasons-----20c
- Mrs. W. E. Fryer**—(K). Fine large scarlet. Tall extra strong grower somewhat like a magnified Mohonk-----15c; \$1.50 doz.
- Mrs. Frank Pendleton, Jr.**—A remarkable flower which has been likened to a big gloxinia. Very large flowers of delicate pink with large blotch of blood red. Will flower from very small corms-----10c; \$1.00 doz.
- Mrs. G. W. Moulten**—(K). Tall spike of large magenta crimson. American Beauty color with darker marks on lower petals. A gorgeous thing in the field or as cut flower. Greatly admired at state and other fairs.-----20c; \$2.00 doz.
- Mrs. Watt**—Brilliant wine red. Fine flower and spike; vigorous and productive-----10c; \$1.00 doz.
- Minneapolis**—Mighty nice spike and habit; pink and yellow shading. Gandavensis type-----5c, 3 for 10c
- Mr. Mark**—Light blue with darker spot-----15c
- Mrs. Velthuys**—Very large dark brilliant red from Holland-----25c
- Mephistopheles (The grotesque)**—Scarlet, black and yellow. Very striking. Scarce-----15c
- Majestic**—Orange pink. An improvement in stem on Prince of Wales. Price for medium size blubs 15c. Large bulbs-----25c
- Mohawk**—(New). Large, open flower, of deep cardinal red; purple reflection at base of petals; white blotch on lower petal; rich and beautiful.-----Price 15c; \$1.50 per doz.
- Myrtle**—(Kunderd). A beautiful flower. Light pure penciled rose. A gandavensis variety and a great favorite with the cut-flower trade. Whole spike open at once-----10c; \$1.00 doz.
- Niagara**—(Banning). Open class award American Gladiolus Society, Chicago, 1912, for the best yellow. A class by itself. A rich cream combined with canary yellow, sometimes mottled pale pink. Large, thick flower on strong, tall stem. Very distinct-----10c; \$1.00 doz.
- Nora**—Light blue with darker spot-----20c
- 1910 Rose (K)**—One of the very best. Very large flower, pure rose pink of extra fine shade. Narrow white line on lower petals. Early-----15c
- Peacock—Azure—Babcock's Blue**—Dark blue with maroon and cream center-----10c
- Pride of Goshen**—(K). A giant "Kunderdii Glory". Flesh pink. Flowers large and petals elegantly waved. "General appearance imposing"-----15c; \$1.50 doz.
- Panama**—A seedling of America, but a much deeper rose pink. Very large and solid. First class certificates everywhere in Europe and America. Later than America-----8c
- Peace**—(Groff's). This is a most magnificent variety, the finest of all whites. Though it has a delicate lilac spot on lower petals, the ground color is of the whitest white and the petals firm and solid. Flowers are large, well opened and borne on tall strong spikes. Lasts well in water and all buds open. Fine clean foliage. Late bloomer-----10c; \$1.00 doz.; \$7.00 hundred
- Pearl**—Soft rose pink, light face; popular cut flower sort. Early-----10c
- Pink Beauty**—(Van Toll). Rose pink with darker blotch. Long spike, very early-----8c; 80c doz.
- Pink Perfection**—A remarkable variety from Holland. First Class Certificate London and Haarlem, 1913. I find it splendid. Lovely light pink; flowers large, upwards of twenty buds closely set on long stem, six or eight flowers open at once and buds showing color, like rose buds, stems often curved.-----10c; \$1.00 doz.

Pink Wonder—(Kemp 1921). This is a wonderful Gladiolus; a strong grower, attaining a height of 4½ feet; often producing 16 to 18 blooms to the spike, four to five massive flowers open at one time; is indeed a wonder in every respect. In color, a shade lighter than Panama. Yellow shading in the throat, overlaid with rose feathering. Bulbs 1½ inches up.

-----90c; Doz. \$9.00; Medium size bulbs 50c

Pride of Hillegom—(Velthuys). Dazzling scarlet-----30c

Prince of India—"Varied and fantastic coloring***varies from light to deep smoky gray, many petals zoned and banded and freely penciled dark slaty blue**crimson throat**mottled white." I abridge description. It was greatly wondered at and by some greatly admired at State Fair. Very rare.

-----Price 30c; 4 for \$1.00

Prince of Wales—A new salmon variety that is making a sensation. It is early, like Halley, but a clearer salmon, more yellowish and without the throat markings. It increases rapidly and blooms a perfect bouquet, even from small bulbs; has been known to bloom from the bulblet-----10c; \$1.00 doz.

Princepine—(Kirchoff). A seedling of Princeps and an improvement, in some respects. More flowers are open at a time, and, though not quite so large, they are even brighter in color and have very beautiful and conspicuous white throat markings. Plant considerably taller and foliage lighter green.

-----8c; 80c doz.

Principes—(The Amaryllis Flowered). Largest crimson scarlet, flat opened, white blotches in lower petals. Broad foliage-----8c; 80c doz.

Primulinus Hybrids—(Kunderd Strain). Seedlings from the Primulinus, showing great variety of shades, mostly different shades of yellow and blush, some wider open than the parent, less hooded and often larger, but all showing strongly the same general characteristics of gracefulness and delicacy. All very early bloomers and very dainty-----5c; 50c doz.

Prophetesse—Large round flowers with crimson throat, early and beautiful...15c

Proserpine—A handsome bright rose color of good size and habit which I got from Holland. Beautiful-----15c; \$1.50 doz.

Queenly—Introduced by me and, tho I found it among the Silver Trophy Sorts, I have never seen it elsewhere. A most delightful flower; round pearly almost white; firm and waxy, delicate spot of faint lilac in throat, most beautifully arranged on the stem, which, tho slender, is firm and round. A fine cut flower sort-----5c; 50c doz.

Red Emperor—Said to be the same as Dominion. "Truly regal." Very large, open flower, rich dark scarlet, tall spike. Very early-----20c; \$2.00 doz.

Rev. Mr. Ewbank—Light porcelain blue. Early. Choice-----25c

Rosella—Large light rose, wide open and flat, with white throat. A universal

CORRECTION

The second, third and fourth lines of page 11, following "Summer," belong to "Schwaben" on previous page, erroneously printed "Schwaber"

ADDITIONAL

Diener's—1919—1920 Seedlings—Shown for the first time at Ontario, 1922, attracting great attention. A great variety of colors and large size flowers. To introduce these, I offer them at 75c per dozen. Bulbs one inch up. Not less than two-thirds dozen. Bulblets per 100 ----- 50c

Splendorra—(K). Very dark wine black----- 25c

of yellow in throat-----10c; \$1.00 doz.

Scarsdale—Immense lavender pink, shaded dark rose. Unique...10c; \$1.00 doz.

Schwaben—(Pfitzer). A grand yellow gaudavensis which has received medals. 10

Sheila—(Coleman). One of the very fine new ones. Large salmon.

Small to medium size bulbs-----35c

Summer —(Hoeg). Rich magenta, light center-----	5c
and certificates and has attained great popularity. Very robust grower and has a very large flower head; not so deep a yellow as Golden King, but has a much less conspicuous blotch-----	10c; \$1.00 doz.
Sulphur King —(Gand). Generally conceded to be the best clear yellow ganderensis. Long spikes of good sized flowers-----	20c; \$2.00 doz.
Summer —Fine mauve, dotted darker-----	15c
Tavistock —(Gage). Fine large red; light center-----	5c
The King —Purple magenta, maroon and yellow blotch; a darker Rosella; robust-----	15c
Titanic —(Dr. Hoeg). This grand and unique variety is pronounced by most discriminating judges the finest novelty in dark colors for several years. It has been tried on a large scale by amateurs, but I purchased practically the entire stock from the originator. Exhibited at the Cedar Valley Fair in 1916 and 1918 and at the Iowa State Fair in 1917 and 1918, it made a sensation. It is a robust grower and increases well, stem erect, flowers large, flat open, of a "lilac purple" or magenta crimson color, without throat markings but a white line through center of lower petals. I make the price low for such a variety-----	20c; \$2.00 doz.
Velvet King —(Called also W. M. Mason, and 312.) Not so very velvety, but a splendid, wide open, dark scarlet, veined on lower petals, with dark color. One of the best-----	10c; 75c doz.
War —Deep blood-red, shaded crimson-black. Tall erect. Late bloomer. Sold for some time at \$1.00-----	10c; \$1.00 doz.
Willy Wigman —(Dutch) Creamy white, flushed soft pink, crimson blotch on lower petals, very pretty. First Class Certificate-----	10c; \$1.00 doz.
Wilbrink —A sport of Halley and of the same style of flower and stem but a flesh pink. Large and early-----	10c
White America —(Childs). Form and habit of America but white-----	15c
White Giant (Not Giant White) —Large, pure, glistening white. Large as a Candidum lily and lily shape. Petals thin-----	25c
White Wonder —(Kemp's 1921). First Prize, Boston; Silver Medal, New York, Aug., 1921. A descendant of Mrs. Francis King; and has all the good qualities of that splendid variety. The flowers are pure white, without any markings in the throat; wide open, and often measuring 5½ inches in diameter; well placed on spike, five or six open at once. Heavy producer of cormels-----	Price large bulbs. 90c; 3 for \$2.25
Yellow Hammer —Excellent florists' yellow. Late bloomer-----	10c each; \$1.00 doz.

Kunderd Varieties

Anthony B. Kunderd —(1918). Tall, large, intensely ruffled flower of delicate deep cream color. Overspread finest blush pink. Entire lower petals beautiful primrose cream, flushed pink at edges. Grand—Each \$1.00; \$10.00 doz.	
Beaconflame —Large bright red. One of the best-----	35c
Byron L. Smith —(1917). One of the very best. Most refined lavender pink on white ground. In great demand-----	35c
Canary Queen —A very refined sulphur yellow. Many good sized flowers open at one time-----	15c
Corunna —(1916). Wide flower with wide spreading petals. Large, almost black throat, bordered white. Extraordinary-----	30c
Crescent Queen —(r). Very large dark wine red-----	30c
Dixie —(1917). One of the deepest and richest, almost black-----	10c
E. J. Shaylor —(1918). Tall, very strong plant and large blooms. A beautiful pure deep rose pink. Finely ruffled. Awarded Certificate of Merit by Royal Hort. Society of England Aug., 1920-----	35c
Small bulbs, 20c. Should be in every collection.	
Estella —One of the largest gladioli. Fine, deep rose pink-----	15c

Fair Columbian —(1915). Tall, vigorous plant with large, fine showy lilac-pink blossoms. Deeper throat -----	25c
Giant White —An extra large white with elegant slight markings on lower petals -----	15c
Golden Glory —(1916). Rich ruffled yellow with beautiful throat.....	15c 50
Grandeur —(1916). Very massive deep vermilion pink. Large, graceful and exceptionally distinct and beautiful-----	30c; \$3.00 doz.
Helga —(1921). Very strong, massive growth. Fine salmon rose and cream on white ground. Flower of great substance-----	20c
Joe Coleman —(1915). Ruffled. Very large and vigorous. Rich red. One of my favorites -----	20c
Lily Blotch —(1915). "A rich, showy salmon red, blotched throat. Georgeous" 20c	
Lilywhite —(1915). "The new pure white gladiolus that florists have been looking for. First class forcing variety. Six to seven open at a time. Early and prolific" -----	20c; Small blooming bulbs 10c
Mottled Beauty —(1915). Extra large, well ruffled bloom and vigorous plant. Flower has a most strikingly mottled and flaked ground color with large penciled throat. "Like a speciosum lily". Ruffled-----	75c
Marie Kunderd —(1918). "A wonderful white. As early as Chicago White. Of purest white with an almost invisible line in center of lower petals. Grandest of all whites. "Stock scarce." (Ruffled). -----	Large bulbs \$4.00; Bulblets 40c each; \$3.50 per doz.
Marshal Foch —(K) (1922). One of the sensations at the exhibitions in 1922 wherever shown. Many large flowers open at one time. Massive salmon pink flowers on strong stem. Late bloomer-----	40c
Mona Lisa —(1917). Extra fine. Strong plant. Many flowers open at once. Of palest soft rose pink or blushed white. A magnificent almost pure self color -----	40c
Orange Glory —(1915). Glory type. Grand orange colored with lighter throat. One of the best-----	25c
Old Glory —(1915). Very peculiar. Fine shade of dark red striped all over with white, giving a frosted appearance. A fancy show sort; no other like it -----	25c
Purple Glory —(1916). The Giant of the Kunderd Glory race. Deepest velvety maroon with almost black blotches as if burned into the petals. Beautifully ruffled. Took medal at St. Thomas for best spike. Any variety-----	\$1.00
Pink Lily —(1916). (r). A magnificently ruffled rose pink-----	40c
Pride of Lancaster —(1915). "Brilliant orange salmon, rich fiery deeper orange throat. Tall. Good size blooms; plenty open; a beautiful ruffled sort." A grand one I say. Large bulbs-----	35c
Robert J. Kunderd —(1918). Medium tall, very large, most brilliant deep vermilion or orange scarlet. A wonderful showy self color-----	\$1.50
Rose Glory —(1916). Deeply ruffled. Purest rose-pink color; deeper in throat -----	40c
Scarlet Princeps —(1917). Six or more massive "Princeps"-like blooms open at a time. Throat a deeper shade. Distinct and massive-----	25c
Scarlano —(1917). A real bright red. Fine spike and flower. Finely ruffled. One of the best reds. You want it. While they last-----	25c
Sentinel —(1915). Tall, strong plant. Large pure rose pink with elegantly penciled white iris-like throat. An extra showy choice rose pink. Good producer -----	10c
Summer Beauty —(1915). Very choice deep salmon; distinct shade. Tall and showy -----	15c
Sulphur Glow —(1921). A very large, robust, deeply ruffled flower of pale sulphur yellow. Intensely ruffled. Slight carmine touch in throat. Large flowers-----	Very large bulbs, 75c; Medium, 50c

KEMP'S NEW GLADIOLI

Mr. J. A. Kemp's new "Big Four," and some others, have attracted such favorable attention at the recent exhibitions, and have been so highly commended by some of the most reliable growers that I am adding them to my collection. I have but a few of these and the demand is so unusual that it will be necessary to order early to be sure of getting them. I offer the following, condensing the introducer's descriptions:

White Wonder (Kemp's 1921).

First Prize, Boston; Silver Medal, New York, Aug., 1921.

A descendant of Mrs. Francis King; and has all the good qualities of that splendid variety. The flowers are pure white, without any markings in the throat; wide open, and often measuring $5\frac{1}{2}$ inches in diameter; well placed on spike, five or six open at once. Heavy producer of cormels. Price. bulbs $1\frac{1}{4}$ inches up, ~~\$1.25; \$12.00 per dozen.~~

Albania (Kemp's 1921). First prize, Boston and New York, 1921. A most pleasing white variety. The flower is wide open— $3\frac{1}{2}$ inches or over in diameter; petals broad, with well rounded tips, and beautifully crimped edges. Height four feet. 14 to 16 flowers to the spike. Fine keeper when cut. Very healthy and a bountiful producer of good bulblets.

Price: Bulbs $1\frac{1}{4}$ inches up, ~~80c each.~~ \$8.00 per doz.

EARLY SNOWFLAKE.

(Kemp, 1921)

First Prize, Boston, 1921, Silver Medal.

A tall growing variety; many flowers open at one time. Many of them 6 inches in diameter, resembling a large lily. Rich, creamy white, delicately tinted and flaked rose. When grown under glass all flaking is absent.

Bulbs ~~50c each; 6 for \$3.00.~~

Mohawk (New) Large, open flower, of deep cardinal red; purple reflection at base of petals; white blotch on lower petal; rich and beautiful. Price 15c; \$1.50 per doz.

Splendorra (K) Very dark wine black; 25c.

Orchid (K) An improvement on Chicago White; 15c.

Byron L. Smith (K) In greatest demand. Lavender pink on white ground; 50c.

Dorothy McKibbin (K) Ruffled pink; 25c.

Marshal Foch (Kunderd) Not the same as Le Marechal Foch. Grand flower—later, ruffled pink.

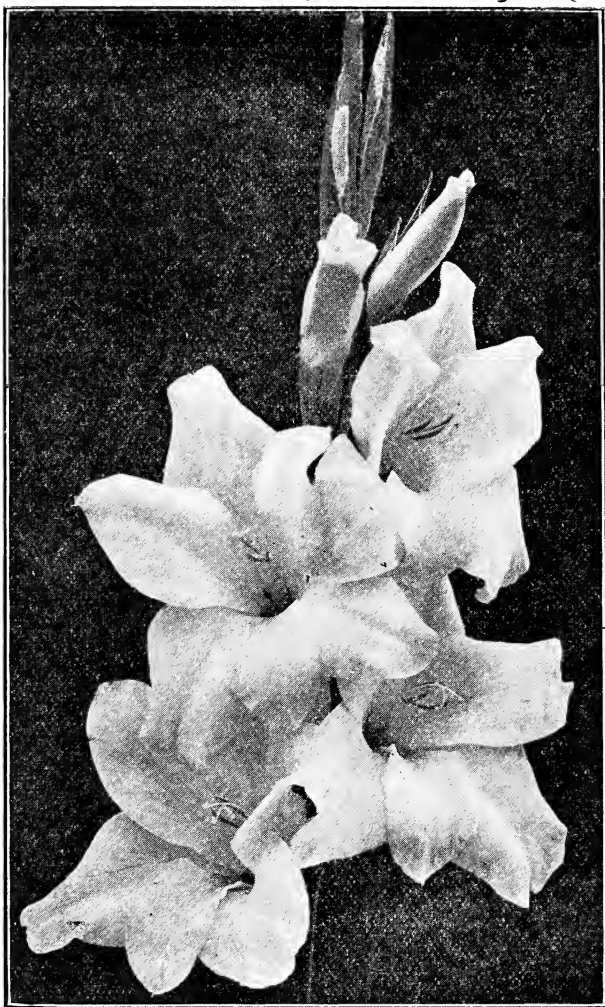
Price: Large bulbs only 40c.

Diener's Hybrids. Mixed. Doz. \$1.00.

White America (Childs) **15 cents.**

Hohenstaufen. Similar to Willy Wigman; better habit; 10 cents.

Minneapolis. Mighty nice spike and habit; pink and yellow shading; 10c.



PINK WONDER

(Kemp 1921).

First Prize, Boston and New York, August 1921.

This is a wonderful Gladiolus; a strong grower, attaining a height of $4\frac{1}{2}$ feet; often producing 16 to 18 blooms to the spike, four to five massive flowers open at one time; is indeed a wonder in every respect. In color, a shade lighter than Panama. Yellow shading in the throat, overlaid with rose feathering. Bulbs $1\frac{1}{4}$ inches up, \$1.25. ~~Doz. \$12.00.~~

Violet Glory —(1916). Massive flower, rich self color deep violet; deeper throat; medium ruffled	35c
White Glory —Ruffled. White with iris-blue throat. Fine	30c
White King —Tall and strong. Sulphur white with small carmine feather in throat. Very ruffled	10c
Yeuell's Favorite —(1915). Large flower and plant. Rosy lavender pink. Conspicuous	15c
Yellow Gem —(1918). Tall yellow of beautiful tint. Showy	25c

Diener Varieties

Annie Eberius —(No. 10). The most popular of all Diener's. Large flower and perfect spike. Dark velvet purple	25c; \$2.50 doz.
Capt. A. C. Baker —(No. 164). Rich, velvety red	5c
Caroline Frear Burke —(No. 90). Pure white with brilliant ruby throat, large flowers	25c
Costa Rica —(No. 187). Clear delicate lilac with old rose center, large flowers and fine spike	25c
Diener's American Beauty —(No. 23). Brilliant American Beauty rose color with creamy yellow throat; many flowers open at one time, forming a regular bouquet. Not enough to go around at	\$1.00 each
Dr. L. C. Ebran —(No. 39). Salmon pink, blue striped, yellow throat	25c
D. J. Whitney —(No. 24). Salmon-flesh with two striped and spotted under petals. Opens full at the end of the stem, like a canna. Very early. A few at	50c each. (Diener's price \$1.00)
David Starr Jordan —(205). Immense flame colored flowers with lighter speckled throat. Flowers very open like an Amaryllis	25c
Else Rose —Cattleya pink; a blending of rose pink, shading out to white, with creamy yellow throat. Extra fine	75c
Elf —(321). Lemon yellow in bud; open flowers white; lemon yellow lip. 4 to 5 foot perfectly built spike. Productive. Has sold at \$5.00. Price now \$1.00. Bubbles, 10c each	
Elizabeth Gerberding —(189). Shell pink; speckled center of ruby and yellow. Heavily ruffled. Strong grower	10c
Fairfax —(32). Solid magenta; lip of throat light yellow with deep magenta spot. Large flowers	10c
Frank J. Symmes —(205). Salmon rose pink with red center. Ruffled. A very fine one	25c
Helen Todd —(196). "Light pink with deep colored seam round edge of the flower. Deep scarlet center." Great substance and a favorite of mine. 15c; Smaller bulbs 10c	
Jack London —(38). Much like D. J. Whitney but taller and later. "Our best commercial variety" says Diener. Rapid propagator. Has been 50c; now 25c	
John M. Coulter —(82). Rich dark maroon (almost black) throat	25c
Jonathan Webb —(193). Grand sort. Light scarlet, finely painted white and maroon mottled center. Very showy variety. Fine spike	25c
Lillian Webb —(186). Strawberry pink striped chocolate, curious. Very erect stems	5c
Mrs. H. E. Bothin —(19). Ruffled. Flesh salmon pink; flame scarlet center. Strong 4 to 5 foot spikes. One of the loveliest combinations. A good propagator	50c
Mrs. John R. Walsh —(202). A magnificent sort. Very large flesh, pink with scarlet blotch extending almost to the edge. Very tall and heavy spike. A seedling of Mrs. Pendleton but much more brilliant and heavily ruffled. Very large bulbs	\$1.00. Medium bulbs 75c



CHINESE CINNAMON VINE

The Cinnamon Vine (*Dioscorea*), an old favorite in some places, but almost forgotten, is a charming and very rapid growing climber, taking its name from the delicate white flowers. The growth is remarkably rapid, often running 25 to 40 feet in one season. The leaves are heart shaped, bright, glossy green, and the vine produces small tubers at the axis of the leaves. Once planted they last a lifetime. Plant any time from earliest spring to July 15th.

5 Selected Tubers carefully packed, sent postpaid for 25c.